

Recovery Plan Action Status

Plan Name: Revised Hawaiian Forest Birds Recovery Plan

Plan Status: Final Revision 1

Plan Date: 22-Sep-06

Lead Agency: USFWS

Lead Office: Pacific Islands Fish And Wildlife Office

(808)

792-9400)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu`u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola`au (honeycreeper) (Hemignathus munroi), Kauai `o`o (honeyeater) (Moho braccatus), Po`ouli (honeycreeper) (Melamprosops phaeosoma), `O`u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailliei), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	1	1.1	Describe and delineate recovery areas	Complete	FY 2000 - FY 2004	FY 2000 - FY 2004	Hawaii Forest Bird Recovery Team, U.S. Fish and Wildlife Service	Work type not yet selected	Labor type not yet selected	

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Oahu Elepaio (Chasiempis sandwichensis ibidis)	2	1.2.7	Continue existing and develop new partnerships: Ko'olau Mountains Watershed Partnership, O'ahu	Ongoing Current	FY 1995 - FY 1999		All Land Managers [Hawaiian forests]	Work type not yet selected	Labor type not yet selected	
Oahu Elepaio (Chasiempis sandwichensis ibidis)	1	1.3.71	Secure recovery area: Pia Valley, TMKs 37003073 37003033	Not Started			Benjamin Casiday, James Pflueger, Ko'olau Mountains Watershed Partnership	Work type not yet selected	Labor type not yet selected	Benjamin Cassiday, James Pflueger. Upper valley in KMWP, but additional measures may be needed to ensure protection of large 'elepaio population. Lower valley zoned conservation, but no other protection. By enrollment in KMWP, easement, or purchase from willing seller.
Oahu Elepaio (Chasiempis sandwichensis ibidis)	1	1.3.72	Secure recovery area: Lower Wailupe Valley, TMK 36004001. Funding given for construction of a 9.6 acre ungulate exclusion fence; construction to begin sometime in 2010 or early 2011.	Ongoing Current	FY 2010	FY 2012	City and County of Honolulu, Hawaii	Work type not yet selected	Labor type not yet selected	City and County of Honolulu. Contains lower edge of large 'elepaio population. Currently zoned urban. By enrollment in KMWP, easement, change in land use designation, or purchase from willing seller.
Oahu Elepaio (Chasiempis sandwichensis ibidis)	1	1.3.73	Secure recovery area: Kypaua Valley, TMKs 37004001 and 37004002	Not Started			Ko'olau Mountains Watershed Partnership, Hawaiian Humane Society	Work type not yet selected	Labor type not yet selected	Hawai'i Humane Society. Upper valley in KMWP, but additional measures needed to ensure protection of large 'elepaio population. By easement, SHA, enrollment in KMWP, or purchase from willing seller.

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Oahu Elepaio (Chasiempis sandwichensis ibidis)	1	1.3.74	Secure recovery area: Kuli'ou'ou Valley, TMK 38013001	Not Started			Ko'olau Mountains Watershed Partnership, Joseph Paiko Trust	Work type not yet selected	Labor type not yet selected	Joseph Paiko Trust. Contains western half of small `elepaio population. By easement, SHA, enrollment in KMWP, or purchase from willing seller.
Oahu Elepaio (Chasiempis sandwichensis ibidis)	2	1.3.75	Secure recovery area: Ka'alakei Valley, TMK 39009001	Not Started			Ko'olau Mountains Watershed Partnership, Hawai'i Kai Development Co.	Work type not yet selected	Labor type not yet selected	Hawai'i Kai Development Co. Contains small `elepaio population. By easement, SHA, enrollment in KMWP, or purchase from willing seller.
Oahu Elepaio (Chasiempis sandwichensis ibidis)	3	1.3.76	Secure recovery area: Kapalama, TMK 14015009	Not Started			Ko'olau Mountains Watershed Partnership, Julius Chung Trust	Work type not yet selected	Labor type not yet selected	Julius Chung Trust. Small parcel. By partnership in KMWP.
Oahu Elepaio (Chasiempis sandwichensis ibidis)	1	1.3.77	Secure recovery area: Moanalua Valley, TMK 11013001	Ongoing Current	FY 2000 - FY 2004		Damon Estate, Ko'olau Mountains Watershed Partnership	Work type not yet selected	Labor type not yet selected	Damon Estate. In KMWP, but additional measures may be needed to ensure protection of large `elepaio population. By easement, SHA or purchase from willing seller.
Oahu Elepaio (Chasiempis sandwichensis ibidis)	1	1.3.78	Secure recovery area: South Halawa Valley, Tripler Ridge, TMK 99011001	Ongoing Current	FY 2000 - FY 2004		Ko'olau Mountains Watershed Partnership, Queen's Medical Center	Work type not yet selected	Labor type not yet selected	Queen's Medical Center. In KMWP, but additional measures may be needed to ensure protection of large `elepaio population. By easement, SHA, or purchase from willing seller.
Oahu Elepaio (Chasiempis sandwichensis ibidis)	1	1.3.79	Secure recovery area: Waikane Valley, TMK 48014005	Not Started			Ko'olau Mountains Watershed Partnership, SMF Enterprises	Work type not yet selected	Labor type not yet selected	SMF Enterprises. In KMWP, but additional measures may be needed to ensure protection of large `elepaio population. By easement, SHA, or purchase from willing seller.

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Oahu Elepaio (Chasiempis sandwichensis ibidis)	2	1.3.80	Secure recovery area: Waianu Valley, TMKs 48014003 and 48013014	Ongoing Current	FY 2000 - FY 2004		Ko'olau Mountains Watershed Partnership, Waiahole Irrigation Co. Ltd.	Work type not yet selected	Labor type not yet selected	Wai-hole Irrigation Co. Ltd. In KMWP, but additional measures may be needed to ensure protection of large 'elepaio population. By easement, SHA, or purchase from willing seller.
Oahu Elepaio (Chasiempis sandwichensis ibidis)	3	2.1.62	Reforest areas of Makua Military Reservation	Not Started			U.S. Army	Work type not yet selected	Labor type not yet selected	U.S. Army. Portions of upper valley recently burned, need reforestation.
Oahu Elepaio (Chasiempis sandwichensis ibidis)	3	2.2.100	Reduce or eliminate the detrimental effects of ungulates on vegetation within Lower Ka'ala NAR, TMK 67003025	Not Started			Hawaii Department of Land and Natural Resources	Work type not yet selected	Labor type not yet selected	Hawai'i State. Currently few 'elepaio, but high potential for augmentation/reintroduction. Fencing and eradication of ungulates and/or time/area closure to hunting may be needed in preparation for aerial broadcast of rodenticides.
Oahu Elepaio (Chasiempis sandwichensis ibidis)	1	2.2.94	Reduce or eliminate the detrimental effects of ungulates on vegetation within Honouliuli Preserve, TMK 92005013	Ongoing Current	FY 1995 - FY 1999		The Nature Conservancy of Hawaii, James Campbell Estate	Work type not yet selected	Labor type not yet selected	James Campbell Estate, managed by The Nature Conservancy of Hawai'i. One 40-acre enclosure completed, a second is planned. More, larger fences needed to exclude ungulates from as much of the preserve as possible.
Oahu Elepaio (Chasiempis sandwichensis ibidis)	2	2.2.95	Reduce or eliminate the detrimental effects of ungulates on vegetation within Luualaei Naval Magazine, TMK 88001001	Not Started			United States Navy	Work type not yet selected	Labor type not yet selected	U.S. Navy. Fencing and eradication of ungulates and/or time/area closure to hunting may be needed in preparation for aerial broadcast of rodenticides. Not open to public hunting.

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Oahu Elepaio (Chasiempis sandwichensis ibidis)	1	2.2.96	Reduce or eliminate the detrimental effects of ungulates on vegetation within Schofield Barracks West Range, TMK 77001001	Not Started			U.S. Army	Work type not yet selected	Labor type not yet selected	U.S. Army. Ungulate control to protect forest and reduce mosquito breeding habitat. Fencing and eradication of ungulates and/or time/area closure to hunting may be needed in preparation for aerial broadcast of rodenticides. Not open to public hunting.
Oahu Elepaio (Chasiempis sandwichensis ibidis)	2	2.2.97	Reduce or eliminate the detrimental effects of ungulates on vegetation within Pahole NAR, TMK 68001002	Not Started			Hawaii Department of Land and Natural Resources	Work type not yet selected	Labor type not yet selected	Hawai'i State. Fencing and ungulate eradication to protect forest, reduce mosquito breeding habitat. Fencing and eradication of ungulates and/or time/area closure to hunting may be needed in preparation for aerial broadcast of rodenticides. Currently few `elepaio, but high potential for augmentation.
Oahu Elepaio (Chasiempis sandwichensis ibidis)	2	2.2.98	Reduce or eliminate the detrimental effects of ungulates on vegetation within Kahanahaiki Valley, TMK 81001012	Not Started			U.S. Army	Work type not yet selected	Labor type not yet selected	U.S. Army. Fencing and eradication of ungulates and/or time/area closure to hunting may be needed in preparation for aerial broadcast of rodenticides.

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Oahu Elepaio (Chasiempis sandwichensis ibidis)	3	2.2.99	Reduce or eliminate the detrimental effects of ungulates on vegetation within O'ahu Forest NWR, TMKs 95004001 and 76001001	Ongoing Current	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Work type not yet selected	Labor type not yet selected	U.S. Fish and Wildlife Service. Fencing and eradication of ungulates and/or time/area closure to hunting may be needed in preparation for aerial broadcast of rodenticides. Currently no `elepaio, but high potential for reintroduction.

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Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	1	2.3	Reduce or eliminate the detrimental effects of exotic plants through mechanical, chemical, or biological means, as appropriate	Ongoing Current	FY 1995 - FY 1999		All Land Managers [Hawaiian forests]	Work type not yet selected	Labor type not yet selected	

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Oahu Elepaio (Chasiempis sandwichensis ibidis)	1	2.4.1.46	Control alien mammalian predators by trapping, poisoning and other means in Honouliuli Preserve, TMK 92005013	Ongoing Current	FY 1995 - FY 1999		The Nature Conservancy of Hawaii, James Campbell Estate	Work type not yet selected	Labor type not yet selected	James Campbell Estate. The Nature Conservancy of Hawai'i has controlled rodents in a 40 acre exclosure using snap traps and bait stations. Control should be continued and expanded, using aerial broadcast if possible.
Oahu Elepaio (Chasiempis sandwichensis ibidis)	2	2.4.1.47	Control alien mammalian predators by trapping, poisoning and other means in Luualalei Naval Magazine, TMK 88001001	Ongoing Current	FY 2000 - FY 2004		United States Navy	Work type not yet selected	Labor type not yet selected	U.S. Navy. Control rodents using diphacinone bait stations, or by aerial broadcast if possible.
Oahu Elepaio (Chasiempis sandwichensis ibidis)	1	2.4.1.48	Control alien mammalian predators by trapping, poisoning and other means in Schofield Barracks West Range, TMK 77001001	Ongoing Current	FY 2000 - FY 2004		U.S. Army	Work type not yet selected	Labor type not yet selected	U.S. Army. Environmental Division has attempted small-scale rat control using snap traps and bait stations, but insufficient access to be effective. Aerial broadcast of rodenticide would increase scale, less access needed.
Oahu Elepaio (Chasiempis sandwichensis ibidis)	1	2.4.1.49	Control alien mammalian predators by trapping, poisoning and other means in Honolulu Watershed Forest Reserve (Wailupe), TMK 36004004	Ongoing Current	FY 1995 - FY 1999		Hawaii Department of Land and Natural Resources, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources	Work type not yet selected	Labor type not yet selected	Hawai'i State, DLNR, DOFAW. Rodent control conducted from 1999-2000 using snap traps and bait stations. Aerial broadcast would increase scale.
Oahu Elepaio (Chasiempis sandwichensis ibidis)	1	2.4.1.50	Control alien mammalian predators by trapping, poisoning and other means in North H-lawa Valley, TMK 99011002	Not Started			Kamehameha Schools	Work type not yet selected	Labor type not yet selected	Kamehameha Schools. Rodent control needed to protect core elepaio population.

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Oahu Elepaio (Chasiempis sandwichensis ibidis)	1	2.4.1.51	Control alien mammalian predators by trapping, poisoning and other means in Control alien mammalian predators by trapping, poisoning and other means in Moanalua Valley, TMKs 11013001 and 11013002	Not Started			Damon Estate	Work type not yet selected	Labor type not yet selected	Damon Estate. Rodent control needed to protect core `elepaio population.
Oahu Elepaio (Chasiempis sandwichensis ibidis)	1	2.4.1.52	Control alien mammalian predators by trapping, poisoning and other means in Waikane Valley, TMK 48014005	Not Started			SMF Enterprises	Work type not yet selected	Labor type not yet selected	SMF Enterprises. Rodent control needed to protect core `elepaio population.
Oahu Elepaio (Chasiempis sandwichensis ibidis)	1	2.4.1.53	Control alien mammalian predators by trapping, poisoning and other means in Kahana Valley State Park, TMKs 52001001 and 52002001	Not Started			Hawaii Department of Land and Natural Resources, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources	Work type not yet selected	Labor type not yet selected	Hawai'i State. Rodent control needed to protect core `elepaio population.
Oahu Elepaio (Chasiempis sandwichensis ibidis)	1	2.4.1.54	Control alien mammalian predators by trapping, poisoning and other means in Makaha Valley, TMKs 84002014 and 84002001	Not Started			City and County of Honolulu, Hawaii	Work type not yet selected	Labor type not yet selected	City and County of Honolulu. Rodent control needed to protect core `elepaio population.
Oahu Elepaio (Chasiempis sandwichensis ibidis)	2	2.4.1.55	Control alien mammalian predators by trapping, poisoning and other means in Pahole NAR, TMK 68001002	Ongoing Not Current	FY 1995 - FY 1999		Hawaii Department of Land and Natural Resources, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources	Work type not yet selected	Labor type not yet selected	Hawai'i State, DLNR, DOFAW. Rodent control conducted in 1999 using bait stations. Currently few `elepaio, but aerial broadcast would help prepare site for reintroduction/augmentation.

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Oahu Elepaio (Chasiempis sandwichensis ibidis)	2	2.4.1.56	Control alien mammalian predators by trapping, poisoning and other means in Kahanahaiki Valley, TMK 81001012	Ongoing Current	FY 1995 - FY 1999		U.S. Army	Work type not yet selected	Labor type not yet selected	U.S. Army. Rodent and mongoose control conducted from 1998-2000 using snap traps, bait stations, and live traps. Currently few `elepaio, but aerial broadcast would help prepare site for reintroduction/augmentation.
Oahu Elepaio (Chasiempis sandwichensis ibidis)	2	2.4.1.57	Control alien mammalian predators by trapping, poisoning and other means in O`ahu Forest NWR, TMKs 95004001 and 76001001	Partially Complete	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Work type not yet selected	Labor type not yet selected	U.S. Fish and Wildlife. Currently few `elepaio, but rodent control would help prepare site for augmentation or reintroduction.
Oahu Elepaio (Chasiempis sandwichensis ibidis)	3	2.4.1.58	Control alien mammalian predators by trapping, poisoning and other means in Lower Ka`ala NAR, TMK 67003025	Not Started			Hawaii Department of Land and Natural Resources, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources	Work type not yet selected	Labor type not yet selected	Hawai'i State, DLNR, DOFAW. Currently few `elepaio, but aerial broadcast of rodenticide would help prepare site for reintroduction or augmentation.

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Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	1	2.5.2.1	Initiate inspection programs for all interisland vessels, including ships, airplanes, and barges and their cargos, to intercept and kill mosquito larvae and adults	Ongoing Not Current	FY 2000 - FY 2004		Hawaii Department of Agriculture, Avian Disease Working Group, U.S. Department of Agriculture	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	1	2.5.2.2	Enforce and toughen existing laws that require health certificates for interisland movement of pet birds and poultry	Ongoing Not Current	FY 2000 - FY 2004		Research Institutions, State and Federal Agencies	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o' o (honeyeater) (Moho braccatus), Po' ouli (honeycreeper) (Melamprosops phaeosoma), 'O' u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	2.5.2.3	Establish disease monitoring protocols for captive native birds to assess presence of avian disease in captive held populations and risk of transfer of disease strains between avian captive holding facilities	Ongoing Current	Prior to FY 1995		San Diego Zoological Society, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Avian Disease Working Group, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o' o (honeyeater) (Moho braccatus), Po' ouli (honeycreeper) (Melamprosops phaeosoma), 'O' u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	2.5.2.3.1	Develop a list of diseases of concern for which captive birds should be routinely tested before they can be transferred between avian captive holding facilities	Ongoing Current	FY 2006		San Diego Zoological Society, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Avian Disease Working Group, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	
Oahu Elepaio (Chasiempis sandwichensis ibidis)	1	2.5.3.1.1.38	Mosquito surveys of parcels on O'ahu that include recovery area	Not Started			Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Department of Defense, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Oahu Elepaio (Chasiempis sandwichensis ibidis)	2	2.5.3.1.1.39	Mosquito surveys of parcels on O`ahu that are adjacent to or within 3 km of recovery area	Not Started			Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Department of Defense, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu`u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola`au (honeycreeper) (Hemignathus munroi), Kauai `o`o (honeyeater) (Moho braccatus), Po`ouli (honeycreeper) (Melamprosops phaeosoma), `O`u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	1	2.5.3.1.2	Eliminate or treat mosquito breeding sites in recovery area and adjacent areas at elevations below 5,000 ft. with BTI (Dunk7) or other environmentally compatible pesticides that are safe for non-target organisms	Ongoing Not Current	FY 1995 - FY 1999		All Land Managers [Hawaiian forests], State and Federal Agencies	Work type not yet selected	Labor type not yet selected	Cost approximate; will depend on findings of vector surveys to identify and prioritize areas for treatment and results of experimental treatments of efficiency and effects on non-target species.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o' o (honeyeater) (Moho braccatus), Po' ouli (honeycreeper) (Melamprosops phaeosoma), 'O' u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	1	2.5.3.1.3	Eliminate or treat mosquito breeding habitat associated with human development (e.g., residential areas, agricultural sites); coordinate efforts with the State Department of Health	Ongoing Not Current	FY 2000 - FY 2004		Hawaii Department of Health, All Land Managers [Hawaiian forests], Hawaii Department of Education, State and Federal Agencies	Work type not yet selected	Labor type not yet selected	Cost approximate; will depend on findings of vector surveys to identify and prioritize areas for treatment and results of experimental treatments of efficiency and effects on non-target species.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	1	2.5.3.1.3.1	Eliminate or treat cattle troughs and stock ponds	Ongoing Current	FY 1995 - FY 1999		Hawaii Department of Health, All Land Managers [Hawaiian forests], Hawaii Department of Education	Work type not yet selected	Labor type not yet selected	Use findings from vector surveys to identify and prioritize areas for treatment.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	1	2.5.3.1.3.2	Eliminate or treat game bird waterers in areas where they might impact native forest birds	Ongoing Not Current	FY 2000 - FY 2004		All Land Managers [Hawaiian forests], State and Federal Agencies	Work type not yet selected	Labor type not yet selected	Use findings from vector surveys to identify and prioritize areas for treatment.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	1	2.5.3.1.3.3	Repair rain gutters, cover catchment tanks, and eliminate containers that catch and hold rainwater around residential and agricultural sites near recovery area	Ongoing Current	FY 1995 - FY 1999		Hawaii Department of Health, All Land Managers [Hawaiian forests], Hawaii Department of Education	Work type not yet selected	Labor type not yet selected	Use findings from vector surveys to identify and prioritize areas for treatment.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	1	2.5.3.1.3.4	Initiate public outreach efforts to inform the public about potential human and animal diseases transmitted by mosquitoes and how source reduction can reduce those threats	Ongoing Current	FY 2005		Hawaii Department of Health, All Land Managers [Hawaiian forests], Hawaii Department of Education	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	1	2.5.3.1.4.1	Identify and fence priority recovery areas at elevations below 5,000 ft. and control feral ungulates to prevent creation of new larval habitats	Ongoing Not Current	FY 1995 - FY 1999		All Land Managers [Hawaiian forests], State and Federal Agencies	Work type not yet selected	Labor type not yet selected	Use findings from vector surveys to identify and prioritize areas for treatment.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	2.5.3.1.4.2	Manually drain feral pig-damaged tree ferns that hold water and fill or drain pig wallows in appropriate areas to reduce mosquito breeding sites	Ongoing Not Current	FY 1995 - FY 1999		Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, All Land Managers [Hawaiian forests], U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	Use findings from vector surveys to identify and prioritize areas for treatment.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	2.5.3.1.5	Identify natural sites (e.g., stream margins, tree holes) that serve as larval habitat and determine feasibility of treatment or elimination	Ongoing Current	FY 1995 - FY 1999		Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, All Land Managers [Hawaiian forests], U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	Use findings from vector surveys to identify and prioritize areas for treatment.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o' o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O' u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	1	2.5.4.1	Insure that existing low elevation native bird populations and habitats within current zones of disease transmission are protected to preserve disease tolerant genotypes	Ongoing Current	FY 1995 - FY 1999		University of Hawaii, Research Institutions, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Avian Disease Working Group, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	Identify low elevation native bird populations through statewide surveys, monitor status and trends of those populations, and work to insure that habitat is protected.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o' o (honeyeater) (Moho braccatus), Po' ouli (honeycreeper) (Melamprosops phaeosoma), 'O' u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	2.5.4.2	Use birds that occur in areas with disease transmission as founders for translocations to establish new populations	Planned	FY 2005		University of Hawaii, Research Institutions, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Avian Disease Working Group, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	2.5.5	Monitor long-term changes in the prevalence and transmission of avian diseases in recovery forest bird habitats	Ongoing Current	FY 2006		University of Hawaii, Research Institutions, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Avian Disease Working Group, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	Identify priority areas for long-term monitoring in areas that will be intensively managed.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o' o (honeyeater) (Moho braccatus), Po' ouli (honeycreeper) (Melamprosops phaeosoma), 'O' u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	2.6.1.1	Encourage HDOA to modify import lists to exclude reptiles and amphibians from commercial sale	Not Started			Hawaii Department of Land and Natural Resources, Hawaii Department of Agriculture, USDA Animal and Plant Health Inspection Service, U.S. Fish and Wildlife Service	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
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Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
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Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
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Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
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Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o' o (honeyeater) (Moho braccatus), Po' ouli (honeycreeper) (Melamprosops phaeosoma), 'O' u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	2.6.1.8	Secure congressional approval of USDA quarantine of mainland	Not Started			Hawaii Department of Land and Natural Resources, USDA Animal and Plant Health Inspection Service, U.S. Department of Agriculture, U.S. Fish and Wildlife Service	Work type not yet selected	Labor type not yet selected	

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Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	1	2.6.2.2	Eradicate/control populations of Eleutherodactylus where possible	Ongoing Not Current	FY 2000 - FY 2004		Hawaii Department of Land and Natural Resources, USDA Animal and Plant Health Inspection Service, U.S. Fish and Wildlife Service	Work type not yet selected	Labor type not yet selected	

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Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	2.6.3	Reduce or eliminate the detrimental effects of vespid wasps (yellow jackets) on forest birds within forest ecosystems	Ongoing Current	FY 1995 - FY 1999		Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service	Work type not yet selected	Labor type not yet selected	

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Hawaii akepa (honeycreeper) (<i>Loxops coccineus coccineus</i>), Nukupu'u (honeycreeper) (<i>Hemignathus lucidus</i>), Crested honeycreeper (<i>Palmeria dolei</i>), Small Kauai (=puaiohi) Thrush (<i>Myadestes palmeri</i>), Hawaii creeper (<i>Oreomystis mana</i>), Kauai akialoa (honeycreeper) (<i>Hemignathus procerus</i>), Akiapola'au (honeycreeper) (<i>Hemignathus munroi</i>), Kauai 'o'o (honeyeater) (<i>Moho braccatus</i>), Po'ouli (honeycreeper) (<i>Melamprosops phaeosoma</i>), 'O'u (honeycreeper) (<i>Psittirostra psittacea</i>), Palila (honeycreeper) (<i>Loxioides bailleui</i>), Oahu Elepaio (<i>Chasiempis sandwichensis</i>), Aikiki (<i>Oreomystis bairdi</i>), Large Kauai (=kamao) Thrush (<i>Myadestes myadestinus</i>), Maui parrotbill (honeycreeper) (<i>Pseudonestor xanthophrys</i>)	1	3	Develop captive propagation, translocation and related recovery strategies	Ongoing Current	Prior to FY 1995		San Diego Zoological Society, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Hawaii Forest Bird Recovery Team, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	Annual and total costs for captive propagation program, which would implement all related recovery strategies.

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Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	1	3.1	Periodically evaluate and identify the target species that will require captive propagation for recovery and the appropriate strategy to be used	Ongoing Current	FY 2000 - FY 2004		San Diego Zoological Society, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Hawaii Forest Bird Recovery Team, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	

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Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o' o (honeyeater) (Moho braccatus), Po' ouli (honeycreeper) (Melamprosops phaeosoma), 'O' u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	1	3.2	Develop captive propagation programs for target species, including both endangered and surrogate species	Ongoing Current	Prior to FY 1995		San Diego Zoological Society, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Hawaii Forest Bird Recovery Team, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	
Oahu Elepaio (Chasiempis sandwichensis ibidis)	3	3.2.9	Collect the eggs of Hawai'i 'elepaio to serve as a surrogate to develop the techniques to breed, incubate, rear and release the endangered O'ahu subspecies.	Complete	FY 1995 - FY 1999	FY 1995 - FY 1999	San Diego Zoological Society, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Hawaii Forest Bird Recovery Team, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	O'ahu 'elepaio.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Molokai thrush (Myadestes lanaiensis rutha), Molokai creeper (Paroreomyza flammea), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola au (honeycreeper) (Hemignathus munroi), Kauai `o`o (honeyeater) (Moho braccatus), Po`ouli (honeycreeper) (Melamprosops phaeosoma), `O`u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Maui akepa (honeycreeper) (Loxops coccineus ochraceus), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Bishop's `o`o (Moho bishopi), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys), Oahu creeper (Paroreomyza maculata)	1	3.4	Acquire funding to build additional facilities to maintain, propagate, incubate and rear endangered species and if necessary, surrogate species	Ongoing Current	FY 2000 - FY 2004		San Diego Zoological Society, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Hawaii Forest Bird Recovery Team, U.S. Fish and Wildlife Service, Private Sector	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	1	3.5	Identify wild populations and/or individuals with potential natural disease resistance on a species by species basis	Ongoing Current	FY 2000 - FY 2004		Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	1	3.6.1	Develop and refine techniques for the release of captive-reared birds into managed habitat: Monitor dispersal, survival, and mortality of released birds to refine propagation and release techniques	Ongoing Current	FY 1995 - FY 1999		San Diego Zoological Society, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	3.6.2	Develop and refine techniques for the release of captive-reared birds into managed habitat: Develop and refine release (hacking) procedures	Ongoing Current	Prior to FY 1995		San Diego Zoological Society, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o' o (honeyeater) (Moho braccatus), Po' ouli (honeycreeper) (Melamprosops phaeosoma), 'O' u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	3.7	For each of the species identified as candidates for captive propagation, it is important to establish demographic goals for captive propagation program, i.e. how many birds to produce using which demographic strategy over what period of time and released into how many sites	Ongoing Current	FY 1995 - FY 1999		San Diego Zoological Society, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	3.8	Develop species specific reintroduction guidelines based on risk assessments that consider the behavioral, disease, demographic and genetic needs of the species	Ongoing Current	FY 1995 - FY 1999		San Diego Zoological Society, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	3.9	Provide biological material from captive held birds to an agreed holding location or locations determined on a species by species basis	Ongoing Current	FY 1995 - FY 1999		San Diego Zoological Society, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	4.1.1	Identify species-specific niche requirements and the role of habitat degradation and competition in reducing carrying capacity	Ongoing Current	Prior to FY 1995		University of Hawaii, Research Institutions, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	
Oahu Elepaio (Chasiempis sandwichensis ibidis)	2	4.10.16	Determine if tolerance or resistance to malaria and pox virus is evolving in any of the fragmented populations	Ongoing Current	FY 2000 - FY 2004		University of Hawaii, Research Institutions, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	O'ahu. Species: O'ahu 'elepaio

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Oahu Elepaio (Chasiempis sandwichensis ibidis)	2	4.10.21	Determine genetic as well as morphological, behavioral, ecological, and vocal variation among core populations.	Ongoing Current	FY 1995 - FY 1999		University of Hawaii, Research Institutions, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	O`ahu. Species: O`ahu `elepaio
Oahu Elepaio (Chasiempis sandwichensis ibidis)	2	4.10.22	Determine patterns of dispersal by age and sex	Ongoing Current	FY 1995 - FY 1999		University of Hawaii, Research Institutions, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	O`ahu. Species: O`ahu `elepaio
Oahu Elepaio (Chasiempis sandwichensis ibidis)	2	4.10.23	Document dispersal and survival of juveniles	Ongoing Current	FY 1995 - FY 1999		University of Hawaii, Research Institutions, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	O`ahu. Species: O`ahu `elepaio
Oahu Elepaio (Chasiempis sandwichensis ibidis)	2	4.10.9	Determine the effect of predator control on survival of female O`ahu `elepaio	Complete	FY 1995 - FY 1999	FY 2005	University of Hawaii, Research Institutions, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	O`ahu. Species: O`ahu `elepaio

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	1	4.2.1.1	Continue efforts to register hand and aerial broadcast methods for dispersing diphacinone toxicants for controlling predators	Ongoing Current	FY 2000 - FY 2004		University of Hawaii, Research Institutions, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	

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Hawaii akepa (honeycreeper) (<i>Loxops coccineus coccineus</i>), Nukupu'u (honeycreeper) (<i>Hemignathus lucidus</i>), Crested honeycreeper (<i>Palmeria dolei</i>), Small Kauai (=puaiohi) Thrush (<i>Myadestes palmeri</i>), Hawaii creeper (<i>Oreomystis mana</i>), Kauai akialoa (honeycreeper) (<i>Hemignathus procerus</i>), Akiapola'au (honeycreeper) (<i>Hemignathus munroi</i>), Kauai 'o'o (honeyeater) (<i>Moho braccatus</i>), Po'ouli (honeycreeper) (<i>Melamprosops phaeosoma</i>), 'O'u (honeycreeper) (<i>Psittirostra psittacea</i>), Palila (honeycreeper) (<i>Loxioides bailleui</i>), Oahu Elepaio (<i>Chasiempis sandwichensis ibidis</i>), Akikiki (<i>Oreomystis bairdi</i>), Large Kauai (=kamao) Thrush (<i>Myadestes myadestinus</i>), Maui parrotbill (honeycreeper) (<i>Pseudonestor xanthophrys</i>)	2	4.2.10	Avian competitor study	Ongoing Current	Prior to FY 1995		University of Hawaii, Research Institutions, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	
Oahu Elepaio (<i>Chasiempis sandwichensis ibidis</i>)	2	4.2.10.2	Investigate competition for food and space, and disease relations, between O'ahu 'elepaio and introduced birds	Not Started			University of Hawaii, Research Institutions, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	

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Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o' o (honeyeater) (Moho braccatus), Po' ouli (honeycreeper) (Melamprosops phaeosoma), 'O' u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	4.2.12	Investigate nonnative invertebrates in forest habitats to determine distribution, direct and indirect interactions with native invertebrates, role as a prey base for nonnative birds and mammals, and effects on flora.	Ongoing Current	FY 1995 - FY 1999		University of Hawaii, Research Institutions, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	

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Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o' o (honeyeater) (Moho braccatus), Po' ouli (honeycreeper) (Melamprosops phaeosoma), 'O' u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	1	4.2.2	Rat study	Ongoing Current	FY 1995 - FY 1999		University of Hawaii, Research Institutions, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	

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Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o' o (honeyeater) (Moho braccatus), Po' ouli (honeycreeper) (Melamprosops phaeosoma), 'O' u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	1	4.2.3	Feral cat study	Ongoing Current	FY 2000 - FY 2004		University of Hawaii, Research Institutions, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	

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Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o' o (honeyeater) (Moho braccatus), Po' ouli (honeycreeper) (Melamporosops phaeosoma), 'O' u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	1	4.2.4	Mongoose study	Ongoing Current	FY 2000 - FY 2004		University of Hawaii, Research Institutions, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o' o (honeyeater) (Moho braccatus), Po' ouli (honeycreeper) (Melamprosops phaeosoma), 'O' u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	1	4.2.5	Mosquito study	Ongoing Current	FY 1995 - FY 1999		University of Hawaii, Research Institutions, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o' o (honeyeater) (Moho braccatus), Po' ouli (honeycreeper) (Melamprosops phaeosoma), 'O' u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	4.2.6	Ungulate exclusion and control study	Ongoing Current	FY 1995 - FY 1999		University of Hawaii, Research Institutions, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	Experimental tests are needed of alternative methods for controlling and/or excluding feral pigs, goats, sheep, mouflon, and axis deer.

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Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o' o (honeyeater) (Moho braccatus), Po' ouli (honeycreeper) (Melamprosops phaeosoma), 'O' u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	4.2.7	Weed study/control	Ongoing Current	Prior to FY 1995		University of Hawaii, Research Institutions, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o' o (honeyeater) (Moho braccatus), Po' ouli (honeycreeper) (Melamprosops phaeosoma), 'O' u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	4.2.8	Yellow-jacket wasp study	Ongoing Current	FY 1995 - FY 1999		University of Hawaii, Research Institutions, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o' o (honeyeater) (Moho braccatus), Po' ouli (honeycreeper) (Melamprosops phaeosoma), 'O' u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	4.2.9	Barn owl and pueo study	Partially Complete	Prior to FY 1995		University of Hawaii, Research Institutions, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	

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Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o' o (honeyeater) (Moho braccatus), Po' ouli (honeycreeper) (Melamprosops phaeosoma), 'O' u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	4.3.1	Examine response of populations to habitat restoration, including the provisioning of food, foraging substrates, nest-sites, and roost sites, as well as the effects of habitat restoration on threats such as mosquitoes, predators, and competitors	Ongoing Current	Prior to FY 1995		University of Hawaii, Research Institutions, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	

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Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	1	4.8.5	Determine dispersal distances of adult mosquitoes from point sources outside of recovery area.	Ongoing Current	FY 2000 - FY 2004		University of Hawaii, Research Institutions, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	

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Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	4.8.6	Determine the feasibility of decreasing malarial transmission through genetic manipulation of vector populations	Ongoing Current	FY 2000 - FY 2004		University of Hawaii, Research Institutions, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	4.8.7	Determine the role that ectoparasites play in transmission of avian pox, particularly during the nesting cycle when adults may pass infections to offspring	Planned			University of Hawaii, Research Institutions, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	

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Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	4.8.8	Determine the role that endoparasites such as Coccidea play in demography of birds	Planned			University of Hawaii, Research Institutions, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	4.8.9	Monitor long-term changes in the prevalence and transmission of avian diseases in recovery forest bird habitats	Ongoing Current	Prior to FY 1995		University of Hawaii, Research Institutions, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	

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Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o' o (honeyeater) (Moho braccatus), Po' ouli (honeycreeper) (Melamprosops phaeosoma), 'O' u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	4.9	Develop and test improved survey and monitoring techniques in recovery area for extremely rare species and species difficult to monitor using standard methods	Ongoing Current	FY 1995 - FY 1999		University of Hawaii, Research Institutions, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Molokai thrush (Myadestes lanaiensis rutha), Molokai creeper (Paroreomyza flammea), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola au (honeycreeper) (Hemignathus munroi), Kauai `o`o (honeyeater) (Moho braccatus), Po`ouli (honeycreeper) (Melamprosops phaeosoma), `O`u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Maui akepa (honeycreeper) (Loxops coccineus ochraceus), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Bishop's `o`o (Moho bishopi), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys), Oahu creeper (Paroreomyza maculata)	1	5.1	Conduct systematic surveys of all forest bird habitat on Kaua`i, O`ahu, Moloka`i, Lana`i, Maui, and Hawai`i at least once every five years to determine changes in distribution and population size of all native and nonnative forest birds	Ongoing Current	Prior to FY 1995		University of Hawaii, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	

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Oahu Elepaio (Chasiempis sandwichensis ibidis)	2	5.2.12	Conduct systematic surveys of Wailupe Valley, O'ahu, to determine annual and seasonal changes in distribution and population size and to monitor efficacy of predator control	Ongoing Current	FY 1995 - FY 1999		Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	Annual for 3 years, integrated with 5-year cycle. Total cost based on annual cost for 30 years.
Oahu Elepaio (Chasiempis sandwichensis ibidis)	2	5.2.13	Conduct systematic surveys of Pia Valley, O'ahu, to determine annual and seasonal changes in distribution and population size and to monitor efficacy of predator control	Ongoing Current	FY 2000 - FY 2004		Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	Annual for 3 years, Total cost based on annual cost for 30 years integrated with 5-year cycle.
Oahu Elepaio (Chasiempis sandwichensis ibidis)	2	5.2.14	Conduct systematic surveys of Honouliuli Preserve, O'ahu, to determine annual and seasonal changes in distribution and population size and to monitor efficacy of predator control	Ongoing Current	Prior to FY 1995		The Nature Conservancy of Hawaii, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	Annual for 3 years, Total cost based on annual cost for 30 years, integrated with 5-year cycle.
Oahu Elepaio (Chasiempis sandwichensis ibidis)	2	5.2.15	Conduct systematic surveys of Schofield Barracks West Range, O'ahu, to determine annual and seasonal changes in distribution and population size and to monitor efficacy of predator control	Ongoing Current	FY 1995 - FY 1999		Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey, U.S. Army	Work type not yet selected	Labor type not yet selected	Annual for 3 years, Total cost based on annual cost for 30 years, integrated with 5-year cycle.
Oahu Elepaio (Chasiempis sandwichensis ibidis)	2	5.2.16	Conduct systematic surveys of any other areas on O'ahu where active management is undertaken to determine annual and seasonal changes in distribution and efficacy of actions	Not Started			Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	Annual for 3 years. Total cost based on annual cost for 30 years, integrated with 5-year cycle.

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Molokai thrush (Myadestes lanaiensis rutha), Molokai creeper (Paroreomyza flammea), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola au (honeycreeper) (Hemignathus munroi), Kauai `o`o (honeyeater) (Moho braccatus), Po`ouli (honeycreeper) (Melamprosops phaeosoma), `O`u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Maui akepa (honeycreeper) (Loxops coccineus ochraceus), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Bishop's `o`o (Moho bishopi), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys), Oahu creeper (Paroreomyza maculata)	1	5.3	Establish and support an interagency Forest Bird Monitoring Coordinator position to coordinate monitoring and provide regular reports on the status and trend of forest bird populations	Ongoing Current	FY 2005		Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	

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Oahu Elepaio (Chasiempis sandwichensis ibidis)	2	6.1.1.16	Develop interpretive signs and brochures at Kuli'ou'ou Trail and 'Aiea Loop Trail, O'ahu	Not Started			Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service	Work type not yet selected	Labor type not yet selected	
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	6.1.1.4	Expand visitor use with a loop trail and interpretive displays at Hakalau Forest NWR, Hawai'i	Partially Complete	FY 2000 - FY 2004		U.S. Fish and Wildlife Service	Work type not yet selected	Labor type not yet selected	

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Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Hawaii creeper (Oreomystis mana), Akiapola'au (honeycreeper) (Hemignathus munroi), Oahu Elepaio (Chasiempis sandwichensis ibidis)	3	6.1.2.1	Promote increased access and interpretation programs on lands where native species are found: Hawai'i, Hakalau Forest NWR, Hakalau and Kona Forest Units	Ongoing Current	FY 1995 - FY 1999		U.S. Fish and Wildlife Service	Work type not yet selected	Labor type not yet selected	
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Hawaii creeper (Oreomystis mana), Akiapola'au (honeycreeper) (Hemignathus munroi), Oahu Elepaio (Chasiempis sandwichensis ibidis)	3	6.1.2.2	Promote increased access and interpretation programs on lands where native species are found: Hawai'i, Pu'u Wa'awa'a Forest Bird Sanctuary	Ongoing Current	FY 2000 - FY 2004		Hawaii Department of Land and Natural Resources, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources	Work type not yet selected	Labor type not yet selected	
Oahu Elepaio (Chasiempis sandwichensis ibidis)	3	6.1.2.8	Promote increased access and interpretation programs on lands where native species are found: O'ahu, Barber's Point	Planned			Hawaii Department of Land and Natural Resources, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources	Work type not yet selected	Labor type not yet selected	
Oahu Elepaio (Chasiempis sandwichensis ibidis)	2	6.1.2.9	Promote increased access and interpretation programs on lands where native species are found: Honouliuli Preserve, The Nature Conservancy	Ongoing Current	FY 1995 - FY 1999		Hawaii Department of Land and Natural Resources, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources	Work type not yet selected	Labor type not yet selected	

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Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o' o (honeyeater) (Moho braccatus), Po' ouli (honeycreeper) (Melamprosops phaeosoma), 'O' u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	6.1.3.3	Expand visitor awareness with development of visitor centers, displays and facilities, and public services interpretive programs: O'ahu, Honolulu Zoo	Ongoing Current	FY 2000 - FY 2004		Honolulu Zoo	Work type not yet selected	Labor type not yet selected	

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Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	6.1.4	Promote the opening of State Forest reserve trails to the general public for nature walks and birding on all islands	Ongoing Current	FY 2000 - FY 2004		Hawaii Department of Land and Natural Resources, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources	Work type not yet selected	Labor type not yet selected	

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Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o' o (honeyeater) (Moho braccatus), Po' ouli (honeycreeper) (Melamprosops phaeosoma), 'O' u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	3	6.1.5	Support the Na Ala Hele Trail System	Ongoing Current	FY 1995 - FY 1999		Hawaii Department of Land and Natural Resources, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources	Work type not yet selected	Labor type not yet selected	

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Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o' o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O' u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	6.2.1.1	Institute core curriculum programs at the university level emphasizing Hawaii's native species for elementary and high school education programs	Planned	FY 2006		University of Hawaii	Work type not yet selected	Labor type not yet selected	

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Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	6.2.1.2	Develop an interpretation internship program for university students specializing in the field of forest bird information and education	Not Started			University of Hawaii	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o' o (honeyeater) (Moho braccatus), Po' ouli (honeycreeper) (Melamprosops phaeosoma), 'O' u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	6.2.1.3	Provide permanent funding for programs such as Imi Pono No Ka Aina, an Environmental Educator program at Hawai'i Volcanoes National Park that educates teachers through accredited workshops in environmental and native species issues	Ongoing Current	FY 2006		To be determined	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	3	6.2.1.4.1	Fund the development and distribution of educational materials: Develop forest bird posters for schools, emphasizing each of the native forest birds and keyed to each islands endemic species	Complete	FY 2000 - FY 2004	FY 2006	To be determined	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	3	6.2.1.4.2	Fund the development and distribution of educational materials: Keauhou Ranch/Kilauea Forest Reserve. Assist Kamehameha Schools with ongoing development of environmental learning opportunities	Ongoing Current	FY 2000 - FY 2004		Kamehameha Schools, U.S. Fish and Wildlife Service	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	6.2.2.1	Fund and support programs for school children on each island that provide a hands on approach to learning about Hawaii's native species: Keokeolani Outdoor Education Program on the Big Island; Maui Outdoor Education Center on Maui; Hawai'i Nature Center on O'ahu; The Discovery Outdoor Education Center on Kaua'i; and funding for the establishment of a Moloka'i Outdoor Education Center	Ongoing Current	FY 2000 - FY 2004		Hawai'i Outdoor Education Centers	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	6.2.2.2	Fund and support organizations such as 'Ohi'a Productions and Keauhou Bird Conservation Center that provide environmental educational programs to Hawaii's school children	Ongoing Current	Prior to FY 1995		To be determined	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	6.2.2.2.1	Provide funding for 'Ohi'a Productions to perform on other islands and to produce videos of previous performances for distribution to schools throughout Hawai'i	Ongoing Current	FY 2005		Ohia Productions	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	6.2.2.3	Develop and support programs such as Malama Hawai'i, that encourage widespread awareness of conservation goals through a diverse coalition of traditional and non-traditional partnerships	Ongoing Current	FY 1995 - FY 1999		To be determined	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	6.2.3.1	Fund, create and support continuous maintenance of an informational website focused on native species, their habitats, as well as alien species and their effects on native species, and provide up to date information that can be utilized and copied onto other web sites to spread the information	Ongoing Current	FY 2000 - FY 2004		To be determined	Work type not yet selected	Labor type not yet selected	
Oahu Elepaio (Chasiempis sandwichensis ibidis)	3	6.2.3.1.1	Obtain funding from Gates Foundation for remote digital broadcast from O'ahu 'elepaio nest cam to local schools through a web site	Not Started			To be determined	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	1	6.2.4.1	Initiate and fund public outreach and information about the effect of rats and cats as vectors for human disease, agricultural pests, and their threats to native species as predators	Partially Complete	FY 2000 - FY 2004		Hawaii Department of Health, U.S. Fish and Wildlife Service	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o' o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O' u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	1	6.2.4.2	Initiate public outreach efforts to inform the public about potential human and animal diseases transmitted by mosquitoes and how source reduction can reduce those threats	Ongoing Current	FY 2000 - FY 2004		Hawaii Department of Health, U.S. Fish and Wildlife Service	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	6.2.4.3	Inform the public as to the value of feral ungulate and weed control in native forests by providing film and video footage of the harmful effects of alien weeds and ungulates on native species and agriculture	Ongoing Current	FY 2000 - FY 2004		Hawaii Department of Health, U.S. Fish and Wildlife Service	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	6.3.1	Conduct market research on the public's knowledge of native species and attitudes towards conservation, to provide the information to develop the most direct ways to educate the public and gain support for native species	Partially Complete	FY 2000 - FY 2004		To be determined	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o' o (honeyeater) (Moho braccatus), Po' ouli (honeycreeper) (Melamprosops phaeosoma), 'O' u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	6.3.2.1	Assist in the development of public service announcements about native species by providing local television stations with footage of native species with natural sounds and suggest their use as background visuals or sounds during credits for local or other programming	Ongoing Current	FY 2000 - FY 2004		To be determined	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o' o (honeyeater) (Moho braccatus), Po' ouli (honeycreeper) (Melamprosops phaeosoma), 'O' u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	6.3.2.2	Use local "heroes", entertainers, sports figures, or other role models, to promote local pride in common native and endangered species	Planned			To be determined	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o' o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O' u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	3	6.3.2.3	Promote the use of prize-winning contests, with sponsors, on local radio, television stations and newspapers to promote native species awareness	Not Started			To be determined	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o' o (honeyeater) (Moho braccatus), Po' ouli (honeycreeper) (Melamprosops phaeosoma), 'O' u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	3	6.3.2.3.1	Sponsor and support contests such as: Forest bird website contest among high school students, forest bird essay contest in Hawaii's schools with prizes for different grade levels, forest bird photo contest, or a song writing contest with the song to be used for a theme song for a locally produced nature program	Not Started			Hawaii Department of Education	Work type not yet selected	Labor type not yet selected	

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Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	3	6.3.2.4.1	Develop a weekly column provided to all newspapers in Hawai'i providing information on native species and ecosystem issues, with the writing shared by conservation organizations throughout the state	Planned			To be determined	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	3	6.3.2.4.2	Develop a weekly program for radio stations on all islands providing information on native species and ecosystem issues, with the writing shared by conservation organizations throughout the State.	Planned			To be determined	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	3	6.3.2.4.3	Develop a half hour weekly or monthly television nature program about Hawaii's native species and their habitat	Planned			To be determined	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	3	6.3.3.1	Promote the use of the 'i'iwi or a caricature of 'i'iwi as the Poster Child for native species in advertising and in education	Ongoing Current	FY 2005		To be determined	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	3	6.3.3.2	Provide native species images and promote the use of these images in advertising by advertising agencies, local and national fast food corporations for use in advertising on tray-liners, milk cartons, and other heavily used advertising media	Ongoing Current	FY 2000 - FY 2004		To be determined	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o' o (honeyeater) (Moho braccatus), Po' ouli (honeycreeper) (Melamprosops phaeosoma), 'O' u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	3	6.3.4.1	Promote the hosting of special events in cooperation with major local hotels and corporations as partners for funding, and to champion native species and ecosystem awareness	Ongoing Current	FY 1995 - FY 1999		To be determined	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu'u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola'au (honeycreeper) (Hemignathus munroi), Kauai 'o'o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O'u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	6.4.1.1	Support conservation outreach organizations to promote conservation at a grass roots level	Ongoing Current	FY 1995 - FY 1999		To be determined	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o' o (honeyeater) (Moho braccatus), Po' ouli (honeycreeper) (Melamprosops phaeosoma), 'O' u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	3	6.4.1.2	Develop a mentor program, where natural science based professionals provide field opportunities for young people in learning about Hawaii's native species	Ongoing Current	Prior to FY 1995		University of Hawaii, Hawaii Department of Land and Natural Resources, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Hawaii akepa (honeycreeper) (Loxops coccineus coccineus), Nukupu' u (honeycreeper) (Hemignathus lucidus), Crested honeycreeper (Palmeria dolei), Small Kauai (=puaiohi) Thrush (Myadestes palmeri), Hawaii creeper (Oreomystis mana), Kauai akialoa (honeycreeper) (Hemignathus procerus), Akiapola' au (honeycreeper) (Hemignathus munroi), Kauai 'o' o (honeyeater) (Moho braccatus), Po'ouli (honeycreeper) (Melamprosops phaeosoma), 'O' u (honeycreeper) (Psittirostra psittacea), Palila (honeycreeper) (Loxioides bailleui), Oahu Elepaio (Chasiempis sandwichensis ibidis), Akikiki (Oreomystis bairdi), Large Kauai (=kamao) Thrush (Myadestes myadestinus), Maui parrotbill (honeycreeper) (Pseudonestor xanthophrys)	2	6.4.1.3	Support the use of volunteers in projects on State, Federal and private lands that will contribute to the enhancement of native habitat and increase the level of awareness and pride in native species within the local populace	Ongoing Current	Prior to FY 1995		Hawaii Department of Land and Natural Resources, Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, Natural Area Reserve system, U.S. Fish and Wildlife Service, U.S. Geological Survey	Work type not yet selected	Labor type not yet selected	

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
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Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
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